

Evaluation of Anti-Inflammatory Activities in Wild Herb *Urginea wightii*

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Abstract : The present work focusses on anti-inflammatory action of *Urginea wightii* in-vitro. *Urginea wightii* is a member of Hyacinthaceae and considered to be wonder plant because of its varied important medicinal properties. The plant is endemic to India, Africa, and Mediterranean regions. Presence of alkaloids, flavonoid-glycosides especially flavonone derivatives are responsible for the strong anti-inflammatory activity of *Urginea wightii*. In present research work, anti-inflammatory activity of methanol extract of the bulb powder was tested on Male Wistar Rats. In these test animals, inflammation was induced by injecting carrageenan as the irritant to induce paw edema in Wistar rats. Inflammation of Paw edema was treated with both plant extract and Pyrox gel a known synthetic anti-inflammatory drug through external application. The result indicated that anti-inflammatory activity of *Urginea wightii* extract was almost similar to the synthetic Pyrox gel. This disproves the modern world's scepticism towards the herbal medicines and encourages to rely on natural plant extracts.

Keywords : anti-inflammatory activity, flavonoid-glycosides, Pyrox gel, *Urginea wightii*

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